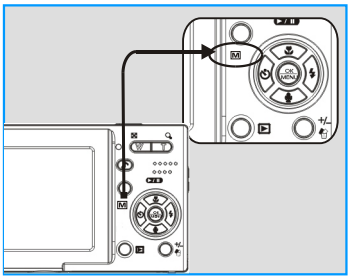
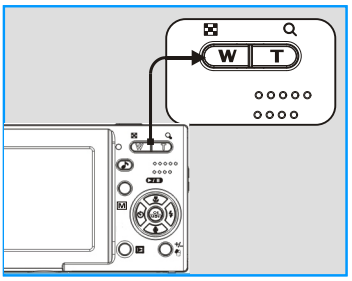
Under Image Shooting Mode ( )



✦ Set the Mode Button at ( ).

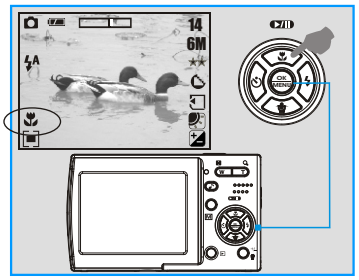
TELE / WIDE Button



✦ The zoom bar, appearing on the top side of the TFT LCD monitor shows the current zoom status.

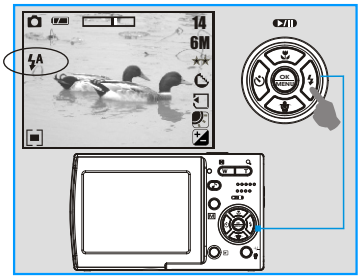
Under Image Shooting Mode ( )

Macro Mode



When you take a shot of a very close-up of object within the distance of 5 cm , press the Macro/Up Button and the Macro icon ( ). Will appear on the LCD screen for notice.

Flash Mode



By pressing down the Flash/Right Button you may select different flash options as follows:

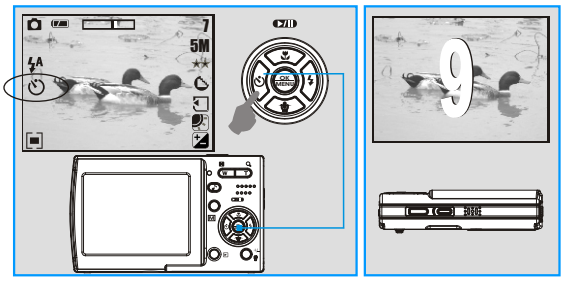
A	**Auto Flash**	The flash fires automatically as required under shooting mode.
	Auto Flash with Red-eye Reduction	To avoid the subject's eyes appear red in the picture, use this mode can effectively minimize the likelihood of the red-eye effect.
S	**Slow Sync**	The flash will fire and the camera will set the shutter speed at a proper speed.
	Fill-in Flash	This mode will enable the flash to fire in any circumstances.
	Flash Off	The mode will disable the flash to fire in any circumstances.

122 mm+-2

122 mm+-2

Under Image Shooting Mode ( )

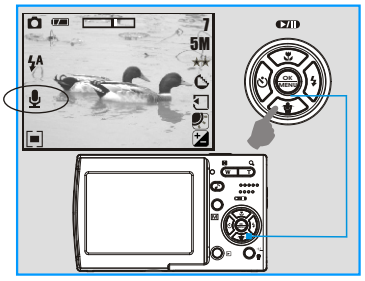
Self-timer Mode



- **With the 10 sec. Self-timer ( ):**
  The image will be taken after an interval of 10 seconds once the Shutter Button is released.
- **With the 2 sec. Self-timer ( ):**
  The image will be taken after an interval of 2 seconds once the Shutter Button is released.
- **With the Double self-timer ( ):**
  The image will be taken twice once the Shutter Button is released.

  The first image will be taken after an interval of 10 seconds. The second one will be taken after an interval of 2 seconds continuously right after the first shooting.

Voice Memo Mode

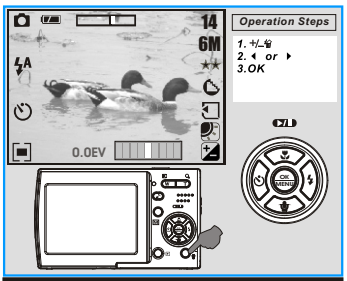


You can have two ways to put the voice memo onto the images.

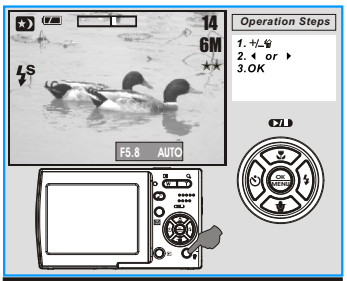
- At Image Shooting Mode:
  1. When the Voice Memo Button is pressed down, the Voice Memo icon( ) will show up on the LCD.
  2. Press down the Shutter Button to take a picture.
  3. Then you can record a voice memo up to 10 seconds after the image is taken. The recording can be stopped at any time by pressing the Shutter Button.
- At Playback Mode:
  1. Press down the Voice Memo/Down Button and a recording bar will show.
  2. Press down the Shutter Button half way down to record a voice memo.
  3. Then you can record a voice memo up to 10 seconds after the image is taken. The recording can be stopped at any time by pressing the Shutter Button. After the voice memo is recorded, the ( ) will show on the TFT LCD Monitor.

Under Image Shooting Mode ( )

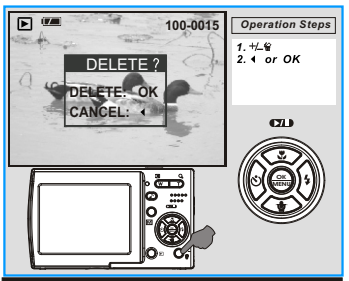
Exposure / Delete Button



Shooting Mode



Night Mode



Playback Mode

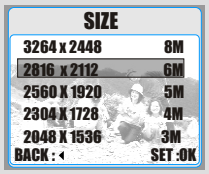
- **At Image Shooting Mode:**
  By pressing down the Delete / +/- Button, you can adjust the value of the exposure compensation, which is ranged from -2.0EV to +2.0EV (at 0.5EV increment), and you can see the exposure compensation icon ( ) showing on the right, bottom on the TFT LCD. By press the Up & Down Button you can choose the ISO values and press OK Button to confirm.
- **At Night Scene Mode under Shooting Mode:**
  You can adjust the value of the long-time shutter, including 8, 6, 4, 3, 2, 1, 1/2, 1/4, 1/8sec, Auto by pressing Flash/Right & Self-timer/Left Button. By pressing the Up & Down Button you can choose the aperture and press OK Button to confirm.
- **At Playback Mode:**
  Deleting the single image can be done by pressing down this button and OK Button.
  If you would like to delete all images, please refer to page 24.

122 mm+-2
122 mm+-2

Under Image Shooting Mode ( )

Press Menu/OK Button to enter the settings.

Image Size Setting (Default: 2864X2160)



Operation Steps

1. *MENU*
2. ▲ *or* ▼
3. ▶
4. ▲ *or* ▼
5. *OK*

The Image size options are provided as follows:

(**8M**)3264x2448
(**6M**)2816x2112
(**5M**)2560x1920
(**4M**)2304x1728
(**3M**)2048x1536
(**2M**)1600x1200

Image Quality Setting (Default: Fine)

Operation Steps

1. *MENU*
2. ▲ *or* ▼
3. ▶
4. ▲ *or* ▼
5. *OK*

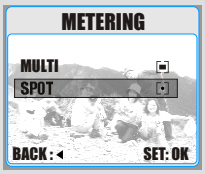
The image quality options are provided as follows:

(⁂) Super Fine
(★★) Fine
(★) Normal

122 mm+-2

Under Image Shooting Mode ( )

Metering Setting (Default: MULTI)



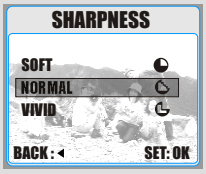
Operation Steps

1. *MENU*
2. ▲ *Or* ▼
3. ▶
4. ▲ *or* ▼
5. *OK*

With Metering Setting, you can get more superior exposure condition and take a picture with brightness.

- **Multi Metering:**
  Exposure will be evaluated according to the average of the available light sources in the image area. This is suitable for general use.
- **Spot Metering:**
  If the subject is against the light source or has little contrast, you can use this function to have the subject be brighter.

Sharpness Setting (Default: NORMAL)



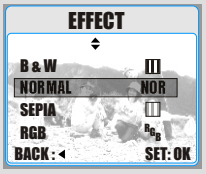
Operation Steps

1. *MENU*
2. ▲ *or* ▼
3. ▶
4. ▲ *or* ▼
5. *OK*

◔	SOFT	This effect can make the edge of the captured image look smoother, which is suitable for image editing on PC.
◔	NORMAL	This effect can make the edge of the captured image look sharp, which is suitable for printing out.
◔	VIVID	This effect can make the edge of the captured image look much sharper yet may cause more noises.

Under Image Shooting Mode ( )

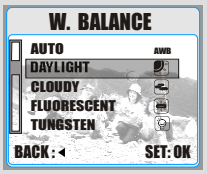
Effect Setting (Default: Normal)



Operation Steps
1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5.OK

B&W		Turn the image into black and white.
Normal	NOR	No effect is added to the picture.
Sepia		Turn the image into yellowish brown.
RGB	RGB	This setting allows you to adjust the value of RGB by yourself.

White Balance Setting (Default: AUTO)



Operation Steps
1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5.OK

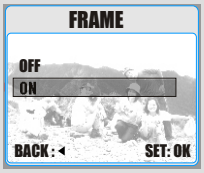
The White Balance options are provided as follows:

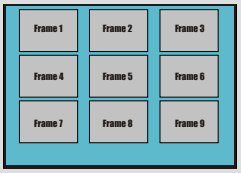
AWB	Auto	Adjusting the white balance automatically
	Daylight	Under the strong light environment
	Cloudy	Under the cloudy light environment
	Fluorescent	Under the fluorescent light environment
	Tungsten	Under the tungsten light environment
	Sunset	Under the sunset light environment
	Custom	Under uncertain light environment

You can select the most appropriate white balance setting for a given shooting environment by "Custom" setting.
1. Choose the CUSTOM setting.
2. Put a sheet of white paper in front of the camera, and then press the shutter button. (Note: make sure that the TFT shows only white area.)
3. The Custom value will be recorded and this value will be applied for image shooting.

Under Image Shooting Mode ( )

Photo Frame Setting (Default: OFF)

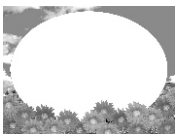


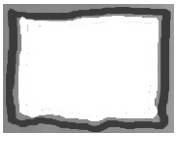


Operation Steps
1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK
6. ▲▼▶◀
7. OK

- You can put the selected photo frame to the image you capture.
- Cancel the Photo Frame function after use if you prefer the next image not to be with Photo Frame.

NOTE
- This function can only be used when the resolution is set at less than 6 mega pixels (2816 x 2112).
- This function cannot be used with Continuous & AEB shooting.

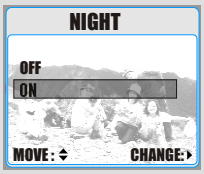
1.
2.
3. 
4.
5.

6.
7. 
8.
9.

122 mm+-2
122 mm+-2

Under Image Shooting Mode ( )

Night Scene Setting (Default: OFF)

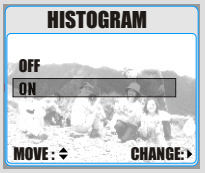


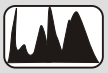
Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

- You may adjust the shutter speed with the LEFT /RIGHT Button after pressing down the Exposure / Delete Button.
- You may adjust the aperture with the UP / DOWN Button after pressing down the Exposure /Delete Button.
- Cancel the Night Scene setting after use if you prefer the next image not to be with Night Scene function.

Histogram (Default: OFF)

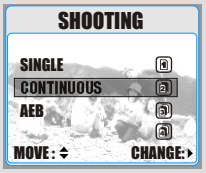




- Histogram shows the distribution of tones in the image. The horizontal axis corresponds to pixel brightness, with dark tones to the left and bright tones to the right. The vertical axis shows the number of pixels of each brightness in the image.

Under Image Shooting Mode ( )

Continuous Shooting Setting



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

- This function allows you to take pictures continuously once the shutter button is released.
  There are three options in the feature which are:
  - Single
  This option is for you to cancel the Continuous & AEB shooting function.
  - Continuous
  The continuous shooting function will start after the Shutter Button is pressed. The shutter will keep releasing if the Shutter Button is being pressed. The shutter will stop releasing when you stop pressing the Shutter Button or the memory of the flash memory or when the memory card is full. At least two images will be taken even with just one press of the Shutter Button.
  - AEB (Auto Exposure Bracket)
  When this function is chosen, when the Shutter Button is pressed, three images will be taken continuously. The three images are with (a) the current EV setting (b) +0.5EV of the current EV setting and (c) -0.5EV of the current EV setting.

NOTE

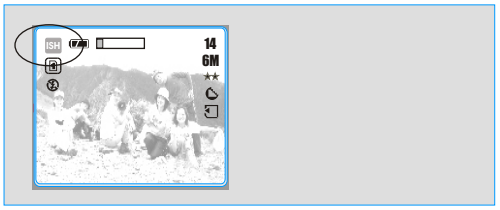
- Continuous & AEB will be disabled when photo frame is used.

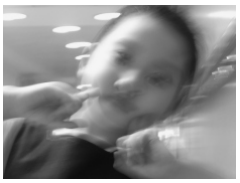
SET UP

Please refer to page 30.

122 mm+-2
122 mm+-2

Under Image Stabilizing Helper Mode (ISH)





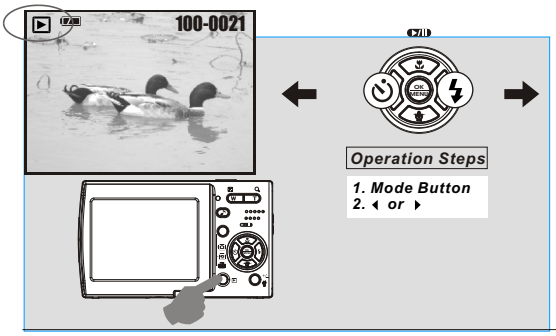
- The operation procedure is the same as described in "Under Image Shooting Mode ( )" (please refer to page 12 to page 21) except for the flash mode and ISO value setting.
  When using this mode, the flash mode will automatically set at Flash Off and the ISO will be set at Auto. These two settings cannot be adjusted with this feature.

- It is suggested to use this feature under the circumstances below or the effect won't be obvious.
  - Under low light environment and the object is beyond 3.0 m from the camera.

- This feature is just a helper to "reduce" the chance of blurred image due to unsteady holding of hands to the camera.
- Image noise may occur with this feature.
- This feature can only be used with still image but not video.
- When you prefer the next image to be without ISH feature, please press the Mode Button to enter Image Shooting Mode ( ).

Under Playback Mode ( )

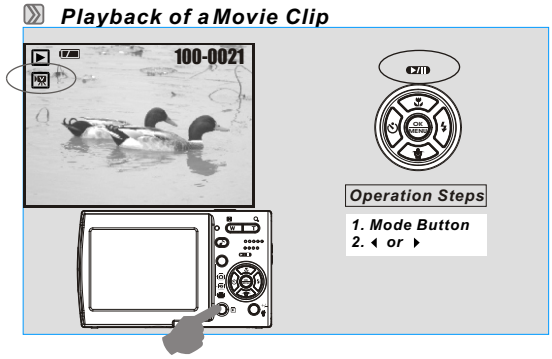
Playback of a Still Image



- Please press Playback Button to view the images taken.
- Press the Right or Left Button to go to or back to the next or last image.

Note
- The icon (♪) shows up when viewing still image comes with a voice memo.

Playback of a Movie Clip



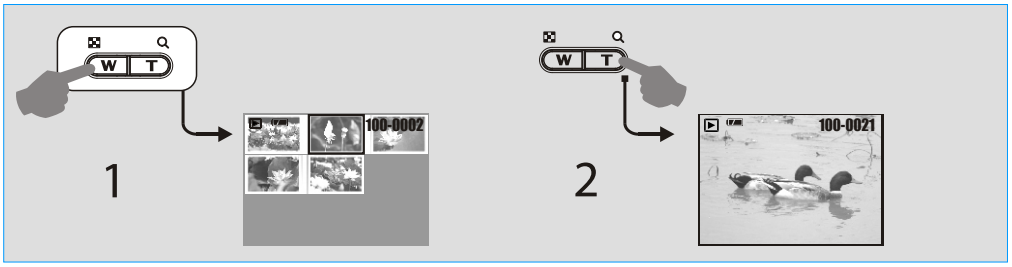
- Press UP Button to play the movie clips.
- Press UP Button to play or pause or continue the playing.

Note
- The icon ( ) on the left of the TFT LCD represents a movie clip, not a still image.

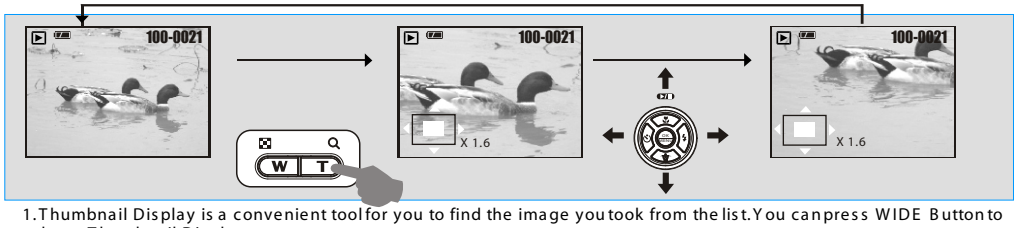
122 mm+-2

Under Playback Mode (▶)

Thumbnail Display (Small Images)



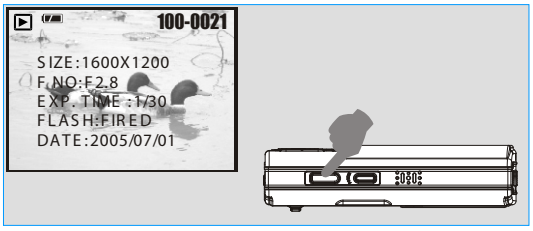
Exploring an Image



1. Thumbnail Display is a convenient tool for you to find the image you took from the list. You can press WIDE Button to have Thumbnail Display.
2. Press down the TELE Button and you can see the enlargement of the image.
3. You can see a square icon like (▣) showing the times of the enlargement and the current location of the image.
4. Use the TELE/WIDE Button to zoom in or to zoom out.
5. Use the UP/DOWN/LEFT/RIGHT Button to locate the position you would like to review.
   Note : In this step, you can also trim the size of the picture by pressing down the OK/Menu Button.
6. Press down the WIDE Button to return to the original Playback Mode.

Under Playback Mode (▶)

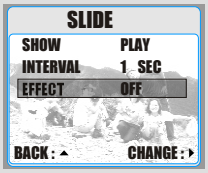
Displaying Image Information



✦ By pressing the Shutter Button "halfway down" (if it is pressed too hard, it'll switch to Image Shooting Mode), the brief and detailed information of the image will show on the TFT LCD Monitor. Press the Shutter Button halfway down again to return to the Playback Mode or press the Shutter Button down to the end to return to the Image Shooting Mode.

✦ This detailed information will only show with still images.

Starting a Slide Show (Default: OFF)



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

✦ Press Menu/OK Button to enter the menu and choose SLIDE.

✦ There are three options in this feature which are:

■ SHOW
This option is to start the slideshow after you set up the settings of INTERVAL and EFFECT. In this option you can also choose to play the slideshow just once or repeatedly.

■ INTERVAL
This option is to choose the interval time between each still image.

■ EFFECT
This option is to choose the effect of the slideshow.

Note
After you complete the setting of INTERVAL and EFFECT, please go to SHOW ⟶ PLAY/REPEAT to start the slideshow.

122 mm+-2

Under Playback Mode (▶)

Setting Image Protection

Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

✦ This function allows you to prevent your specific images from being deleted if the "LOCK" under "PROTECT" list is selected. Conversely, you can select "UNLOCK" to cancel the protection.

Deleting Images

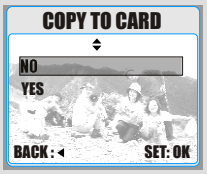
Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

✦ You can delete all images or the current image (single) with this function.

Under Playback Mode (▶)

Copy To Card

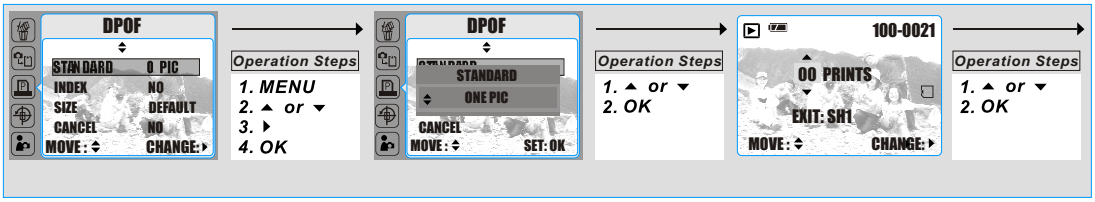


Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

✦ This function allows you to copy the images stored in the internal flash memory into the memory card.

DPOF - STANDARD



This option allows you to put the print quantity (MAX. 30 pcs) on your memory card.
[ONE PIC] - specifies the number of copies for a selected image and you can press LEFT/RIGHT Button to go to next image.
[ALL PICS] - specifies the number of copies for all pictures apart from movie clips and voice recording files.

Note: You cannot see the "PRINT" function on the TFT LCD Monitor if a memory card is not inserted.

122 mm+-2
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Under Playback Mode (▶)

DPOF - INDEX

This option allows you to putthe number ofcopies for index prints and printout all images as thumbnail display.

[YES] - youcan print outthe index prints for all images.

DPOF - SIZE

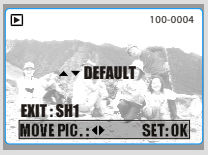
This option allows you to setup the printoutpaper size including3X5, 4X6, 5X7, 8X10 and DEFAULT basedon the settingof your printer.

DPOF - CANCEL

This option allows you to cancelall settings aboveincluding STANDARD, INDEX, SIZE.

Under Playback Mode (▶)

Rotating An Image



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

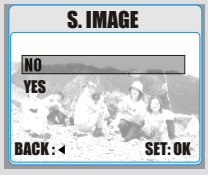
✦ With this setting, you can rotate the image with different degrees which are Vertical, Horizontal, 180, Left 90, & Right 90.

NOTE

- This function canonly be usedwhen the resolutionis set at less than6 mega pixels (2816 x 2112).
- SH1 stands for"Shutter 1" whichmeans to press the Shutter Button halfway. If the Shutter Button is being pressed hard, it'llswitch to Image Shooting Mode automatically.

122 mm+-2

Selecting a START-UP Image



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

✦ This function allows you to selectthe image as your default start-up imageif YES (pleaserefer to page 36).

SETUP

Please refer to page 32.

Under Movie Clip Mode ( )

Video Size Setting (Default: 320X240)

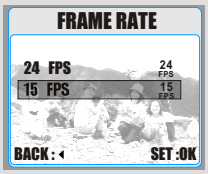
Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

The video size options are provided as follows:

640x480
320x240

Video Quality Setting (Default: 24FPS)



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

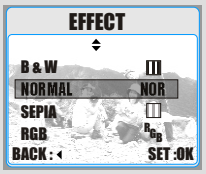
The image quality options are provided as follows:

24 FPS
15 FPS

122 mm+-2

Under Movie Clip Mode ( )

Video Effect Setting (Default: Normal)

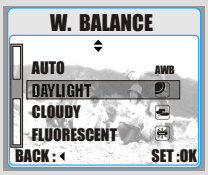


Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

B&W		Turn the video into black and white.
Normal	NOR	No effect is added to the video.
Sepia		Turn the video into yellowish brown.
RGB		This setting allows you to adjust the value of RGB by yourself.

Video White Balance Setting (Default: AUTO)



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

The White Balance options are provided as follows:

AWB	Auto	Adjusting the white balance automatically
	Daylight	Under the strong light environment
	Cloudy	Under the cloudy light environment
	Fluorescent	Under the fluorescent light environment
	Tungsten	Under the tungsten light environment
	Sunset	Under the sunset light environment
	Custom	Under uncertain light environment

You can select the most appropriate white balance setting for a given shooting environment by "Custom" setting.

1. Choose the CUSTOM setting.
2. Put a sheet of white paper in front of the camera, and then press the shutter button. (Note: make sure that the TFT shows only white area)
3. The Custom value will be recorded and this value will be applied for image shooting.

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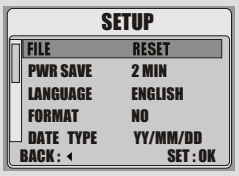
SETUP Setting ( )



Operation Steps

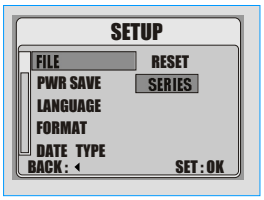
1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

✦ You can find the SETUP icon in any working mode by pressing down the MENU Button and Up / Down Button.

Note:

1. FILE	5. DATE TYPE	9. LCD	13. S. SOUND	17. USB
2. PWR SAVE	6. TIME	10. VIDEO	14. S. IMAGE	18. INFO.
3. LANGUAGE	7. IMPRINT	11. Q. VIEW	15. SH. SHOUND	
4. FORMAT	8. SOUND	12. RESET	16. GAME	

Setting FILE



This setting allows you to name the files.

✦ If RESET is selected, the next file name will be set from 0001 even after formatting, deleting all, or inserting a new memory card.

✦ If SERIES is selected, the file name will directly follow the latest stored file name instead.

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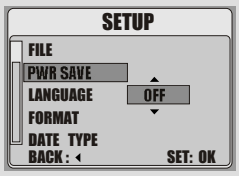
SETUP Setting ( )

Setting PWR SAVE (Default: 2 minutes)

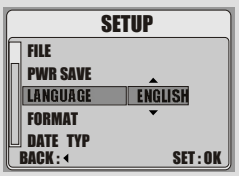


Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

The camera will be automatically off once having been operated for the time interval you set. This setting helps avoid some unnecessary power consumption when the camera is not in use.

Setting LANGUAGE

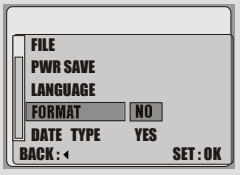


Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

1. English 2. Japanese 3. French 4. German
5. Spanish 6. Italian 7. Turkish 8. Russian
9. Thai 10. Portuguese 11. Simplified Chinese
12. Traditional Chinese 13. Dutch

Setting FORMAT(Default: NO)

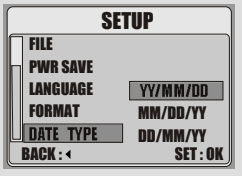


Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. OK

This function allows you to format the memory card or the built-in flash memory.

Setting DATE TYPE(Default: YY/MM/DD)



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

1. YY/MM/DD
2. MM/DD/YY
3. DD/MM/YY

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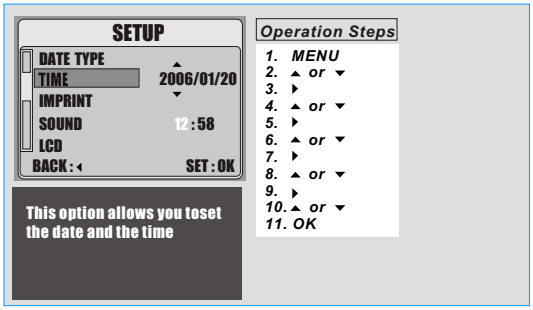
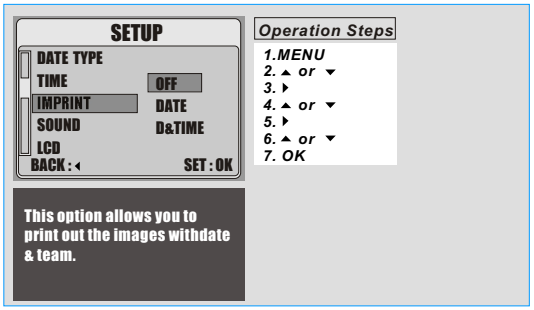
SETUP Setting ( )

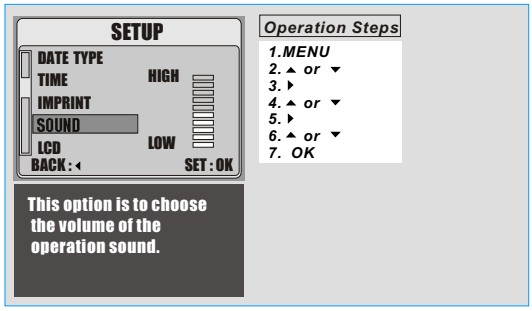
Setting TIME



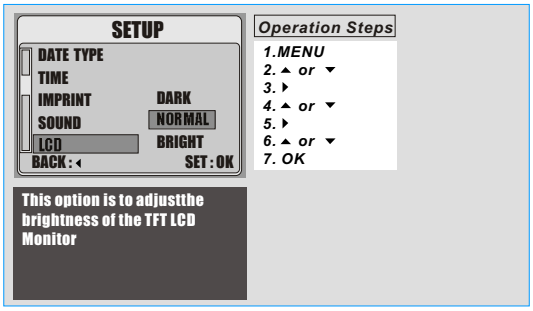
Setting IMPRINT(Default: Off)



Setting SOUND

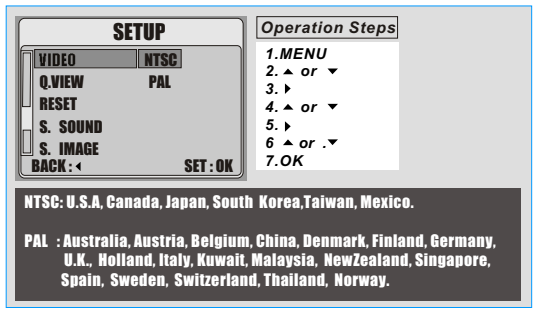


Setting LCD (Default: Bright)

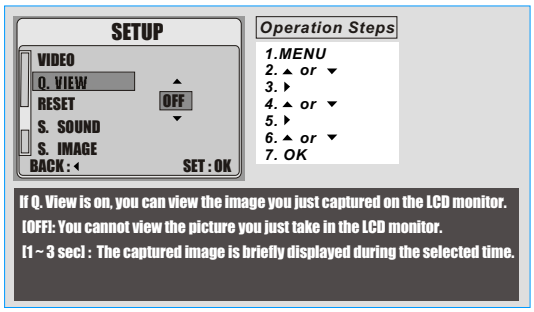


SETUP Setting ( )

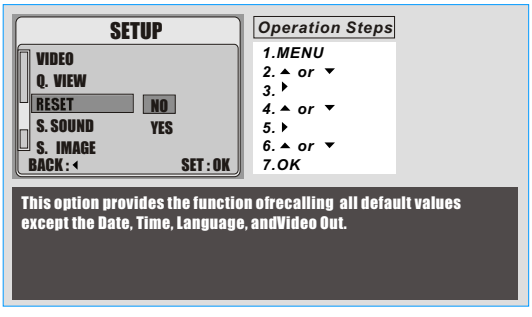
Setting VIDEO



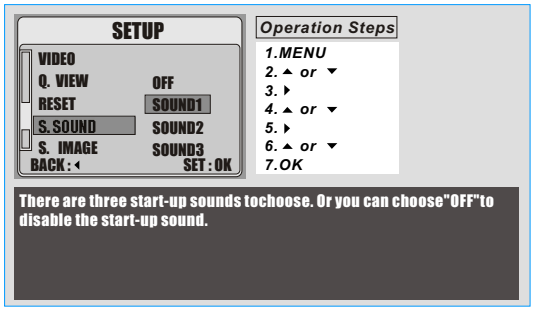
Setting QUICK VIEW(Default: 1 Second)



Setting RESET(Default: No)



Setting START-UP SOUND (Default: Sound1)



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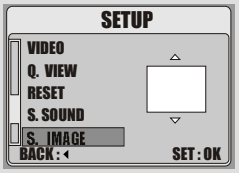
SETUP Setting ( )

Setting START-UP IMAGE(Factory Default Setting)



Operation Steps

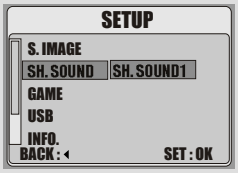
1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

There are three factory default start-up images and a space reserved for one "user start-up image".

To set up the start-up image, please follow the steps below.
1.Press Menu/OK Button and enter "SETUP".
2.Choose "S. IMAGE"
3.Select the image you prefer and press Menu/OK Button to confirm the setting.

To set an image as the user start-up image, the steps are as below.
1.Enter Playback Mode.
2.Choose the image you would like to set as a start-up image.
3.Press Menu/OK Button and choose "S. IMAGE".
4.Press OK to confirm.

Setting Shooting Sound (Default: SH. SOUND1)



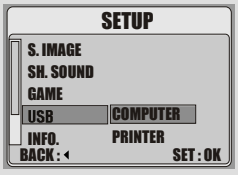
Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

There are three shooting sounds available. Or you can choose OFF to disable the shooting sound.

SETUP Setting ( )

Setting USB



Operation Steps

1. MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

With the connection of the printer for PictBridge function, you have to select the option of printer for correct driver support.

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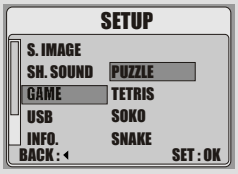
SETUP Setting ( )

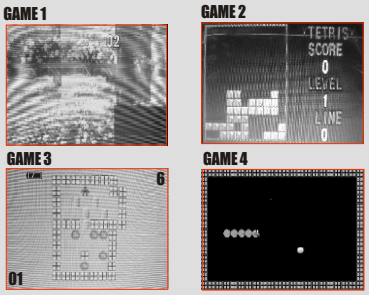
How to Play Games



Operation Steps

1.MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

1. PUZZLE
2. TETRIS
3. SOKO
4. SNAKE



1. PUZZLE
UP, DOWN, RIGHT, LEFT Buttons -- to manipulate
Delete Button -- to show the original picture
Shutter Button -- to escape from the game

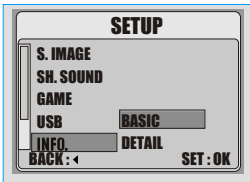
2.TETRIS
RIGHT/ LEFT - to manipulate the direction of the falling brick
UP Button - to rotating the brick
DOWN Button -- to speeding up brick to fall
Shutter Button -- to escape from the game

3.SOKO
TELE/WIDE - to select the game level
UP, DOWN, RIGHT, LEFT Buttons - to manipulate
DELETE Button -- to undo the last movement
Shutter Button -- to escape from the game

4.SNAKE
UP, DOWN, RIGHT, LEFT Buttons - to manipulate
Shutter Button -- to escape from the game

SETUP Setting ( )

Setting INFO.



Operation Steps

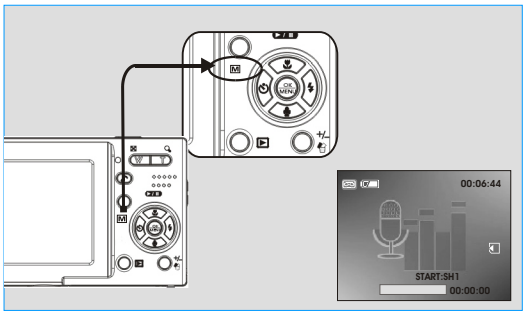
1.MENU
2. ▲ or ▼
3. ▶
4. ▲ or ▼
5. ▶
6. ▲ or ▼
7. OK

✦ Choose "DETAIL" to show all the information of the image on screen under Image Shooting Mode.

✦ Choose "BASIC" to show only the basic information of the image on screen under Image Shooting Mode.

122 mm+-2
122 mm+-2

Under Voice Recording Mode ( )



1. Press the Mode Button and choose Voice Recording Mode ( ).
2. Press the Shutter Button to start the voice recording.
   Press the Shutter Button again to stop the voice recording.
3. Press the Up Button to pause the voice recording.
   Press the Up Button again to continue the voice recording.
4. You can connect camera with other audio player or PC by USB cable to play and check the voice recording file.

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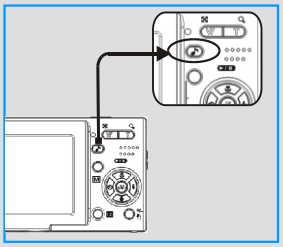
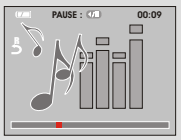
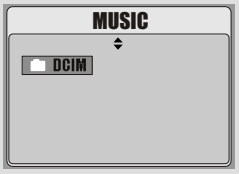
Under Digital Music Player Mode ( )

1



2





How To Download The Digital Music To The Camera

1. Connect the Camera with the computer with the USB/Video cable.
2. Copy the digital music files to the "Removal Disk" (when the camera is connected to the computer the computer will create a new disk called "Removal Disk").

How To Play The Digital Music

1. Press the Digital Music Player Button ( ).
2. Choose the folder where you posted the digital music files on.
3. Choose the music file you would like to play and press the Menu /OK Button.
4. The music will come out from the built-in speaker if no earphone is used. If you prefer to play the music through an earphone, please have the earphone connected to the Earphone Jack ( ).

How To Delete The Digital Music From The Camera

There are two ways that you can delete the music files which are;

1. By pressing the Delete Button.
2. Connect the camera with the computer and delete the digital music files from the Removal Disk.

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Under Digital Music Player Mode (♪)

How To Adjust The Volume
Press TELE/WIDE Button can adjust the volume.

How To Set The Playing Mode Of The Digital Music
By pressing the Down Button can choose the playing mode of the digital music which the mode options are as below.

- Play single song just one time.
- Play single song repeatedly.
- Play all songs just one time.
- Play all songs repeatedly.
- Play one song randomly.
- Play all songs randomly.

Power Saving
By pressing the Shutter Button "half way" can switch off the TFT LCD Monitor to save power.

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Printer Connection (PictBridge Mode)

Connecting the Camera to a PictBridge-supported Printer

If the printer you have supports the interface of PictBridge, then you can have your camera connected with the printer by the supplied USB cable to have the stored images print out directly.

1. Have both of the camera and the printer power on.
2. Press the MENU Button to go to SETUP Mode.
3. Go to USB and select PRINTER for printer connection.
4. Use the supplied USB cable to connect the camera to the PictBridge-supported printer as shown above.

122 mm+-2